

Converting Colors

RGB(212, 201, 108)

Have a look what the booklet for
RGB(212, 201, 108) contains.

RGB(212, 201, 108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(212, 201, 108)

Conversions

Conversions Part 1

Format	Color
Hex	D4C96C
RGB	212, 201, 108
RGB Percent	83%, 79%, 42%
CMY	0.1686, 0.2118, 0.5765
CMYK	0.00, 0.05, 0.49, 0.17
HSL	54°, 55%, 63%
HSV	54°, 49%, 83%
XYZ	50.7448, 56.8530, 22.4866
YIQ	193.6870, 36.4090, -26.5910

Conversions

Conversions Part 2

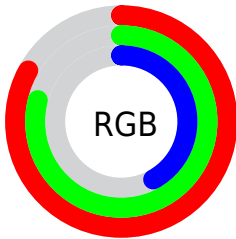
Format	Color
R _Y B	120, 212, 108
Decimal	13945196
CIE Lab	80.10, -8.59, 47.47
CIE LCh	80, 48.237, 100.257
Yxy	56.8530, 0.3901, 0.4370
Android (android.graphics.Color)	4292135276 (0xFFD4C96C)
YUV	193.6870, -42.2437, 16.0605
Hunter-Lab	75.4010, -11.8213, 35.0988

Details

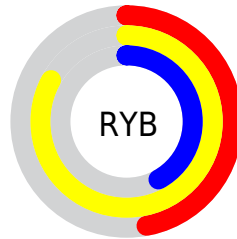
The RGB color **212, 201, 108** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **108, 119, 212**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 255, 161**, and **155, 147, 57** is the 20% darker color. If you saturate the color by 10%, you get **212, 199, 87**, and if you desaturate by 10%, it is **212, 203, 129**.

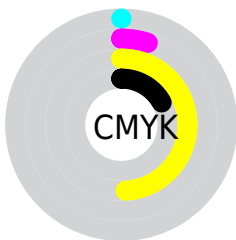
Distribution



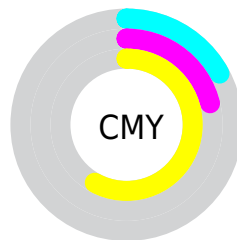
- Red (83%)
- Green (79%)
- Blue (42%)



- Red (47%)
- Yellow (83%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (49%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 201, 108 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 212, 201, 108 by changing the saturation by 10% instead.

 212, 201, 108

255, 255, 255

 255, 255, 161

 255, 255, 189

 255, 255, 217

 255, 255, 246

 212, 201, 108

 183, 174, 82

 155, 147, 57

 128, 122, 31

 101, 97, 0

 75, 73, 0

 50, 51, 0

 26, 30, 0

 0, 1, 0


 0, 0, 0

 212, 201, 108

 212, 201, 108

 212, 199, 87

 212, 203, 129

 212, 197, 66


 212, 205, 150

 212, 194, 44


 212, 208, 172

 212, 192, 23

 212, 210, 193

 212, 190, 2

 212, 212, 214

 212, 190, 0

 212, 214, 235

 212, 217, 255

 212, 219, 255

 212, 221, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 186, 114



212, 201, 108



163, 213, 128

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 201, 108



0, 220, 255



255, 167, 230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



212, 201, 108



108, 119, 212

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223, 181, 255



212, 201, 108



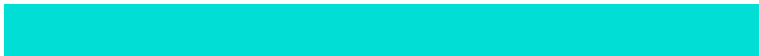
57, 212, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 201, 108



0, 222, 213



156, 198, 255



255, 162, 185

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212, 201, 108



125, 218, 152



156, 198, 255



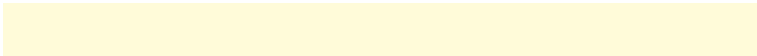
255, 171, 244

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



212, 201, 108



255, 251, 217



212, 108, 120



128, 125, 105



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 201, 108



255, 239, 105



172, 212, 108



107, 106, 96



171, 153, 0



43, 39, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108, 119, 212



105, 120, 255



148, 108, 212



96, 98, 107



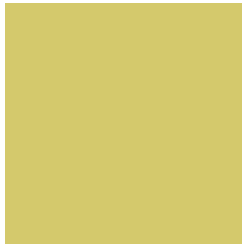
0, 18, 171



0, 5, 43

Previews

White Background



This preview shows how the RGB color 212, 201, 108 looks on a white background.

Color Contrast Check

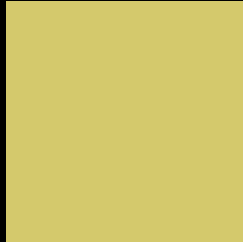
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 212, 201, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 212, 201, 108 Background



This preview shows how black text looks on a background with the RGB color 212, 201, 108.



This preview shows how white text looks on a background with the RGB color 212, 201, 108.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
212, 201, 108

Protanopia
219, 199, 107

Deuteranopia
242, 189, 111



Tritanopia
222, 190, 205

Trichromacy



Original Color
212, 201, 108

Protanomaly
216, 200, 107

Deuteranomaly
231, 193, 110

Tritanomaly
218, 194, 170

Monochromacy



Original Color
212, 201, 108

Achromatopsia
194, 194, 194

Achromatomaly
201, 197, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 201, 108 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 201, 108)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 201, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 108) }
```

Border

The CSS property to change the border of an element to RGB 212, 201, 108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 201, 108) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 201, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 201, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 108);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 212, 201, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
201, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor